

PATIENT INFORMATION

Patient ID				
Acc #	Ethnicity	Sex	Female	
Birthdate	Heart Rate (bpm) 73	Height (cm)	160	
Weight (kg)	BMI (kg/m ²) 30	BSA (m ²)	1.84 (Mosteller Formula)	

STUDY In Progress

Report Number 44	Study Date	05 Dec 2023	Study Description	Cardiac MRI
Referring Physician	Modality	MR	Protocol Name	Not set

SCANNER

Manufacturer	siemens healthineers	Model	MAGNETOM Sola	Serial Number	183958
Software	syngo MR XA51				
Platform					
Sequences	-				

REPORTERS

Report Date 06 Dec 2023, 15:04:10 GMT

SUMMARY

1. Normal right ventricular size and function
2. Normal left ventricular size and function
3. No significant valvular abnormality
4. Normal T1 values suggest no significant scar
5. Normal T2 values suggest no myocardial oedema
6. Normal T2*values suggest no myocardial iron overload

FINDINGS

QUALITY: Fair

SYSTEMIC VEINS: Normal size and drainage of the SVC, IVC and coronary sinus.

RIGHT ATRIUM: Upper normal size.

TRICUSPID VALVE: Normal. No stenosis or regurgitation.

RIGHT VENTRICLE: The RV is normal in size. Function is normal. There are no regional wall abnormalities.

PULMONARY ARTERIES: The main pulmonary artery is not enlarged. There are no pulmonary stenoses or aneurysms visible.

PULMONARY VEINS: Conventional and unobstructed pulmonary venous return to the left atrium

LEFT ATRIUM: Upper normal size.

MITRAL VALVE: Normal. No stenosis or regurgitation.

LEFT VENTRICLE: The LV is normal in size. Function is normal. There are no regional wall abnormalities.

AORTIC VALVE: Tricuspid. No stenosis or regurgitation.

THORACIC AORTA: Not enlarged within the included field of view.

STRESS PERFUSION: Not performed, therefore coronary patency is not assessed.

TISSUE CHARACTERIZATION: Normal precontrast T1 values. No edema on T2 imaging. No myocardial iron on T2*.

LATE GADOLINIUM ENHANCEMENT: Not performed.

INCIDENTAL FINDINGS: None

LV

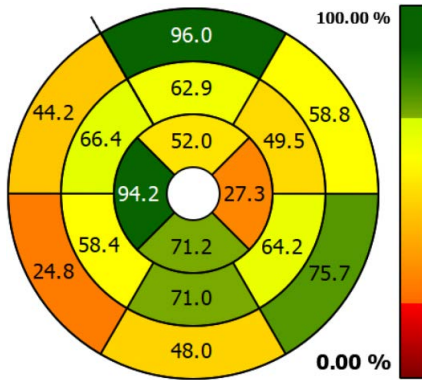
NAME	VALUE	VALUE / HEIGHT	VALUE / BSA
LV EDV	180 mL	112 mL/m	98 mL/m ²
LV ESV	76 mL	47 mL/m	41 mL/m ²
LV SV	104 mL	65 mL/m	56 mL/m ²

LV (CONTINUED)

LV EF 58 %
 LV CO 7.3 L/min
 LV CI 4.0 L/min/m²
 LV EDESM 80 g
 LV EDM 81 g
 LV ESM 79 g
 HEART RATE 71 bpm
 GLOBAL PEAK WALL THICKNESS 7 mm
 METHOD SAX3D Stack

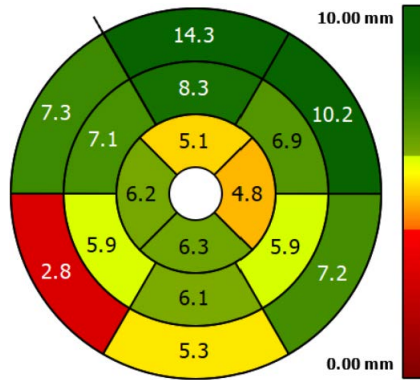
50 g/m
 50 g/m
 49 g/m

43 g/m²
 44 g/m²
 43 g/m²



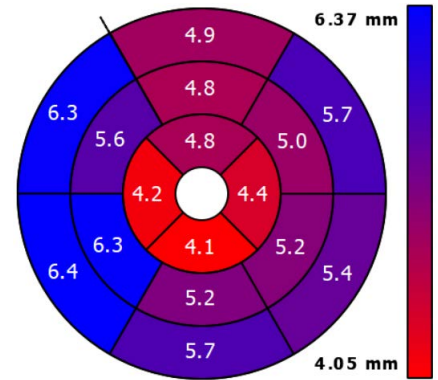
Wall Thickening (%)
 93.2 mm (AHA)

Wall Thickening Polarmap



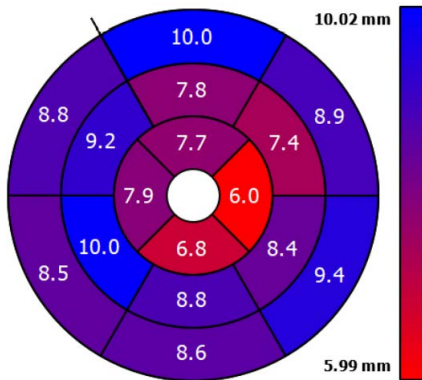
Wall Motion (mm)
 93.2 mm (AHA)

Wall Motion Polarmap



Wall Thickness Diastole (mm)
 93.2 mm (AHA)

Wall Thickness Diastole Polarmap



Wall Thickness Systole (mm)
 93.2 mm (AHA)

Wall Thickness Systole Polarmap

RV

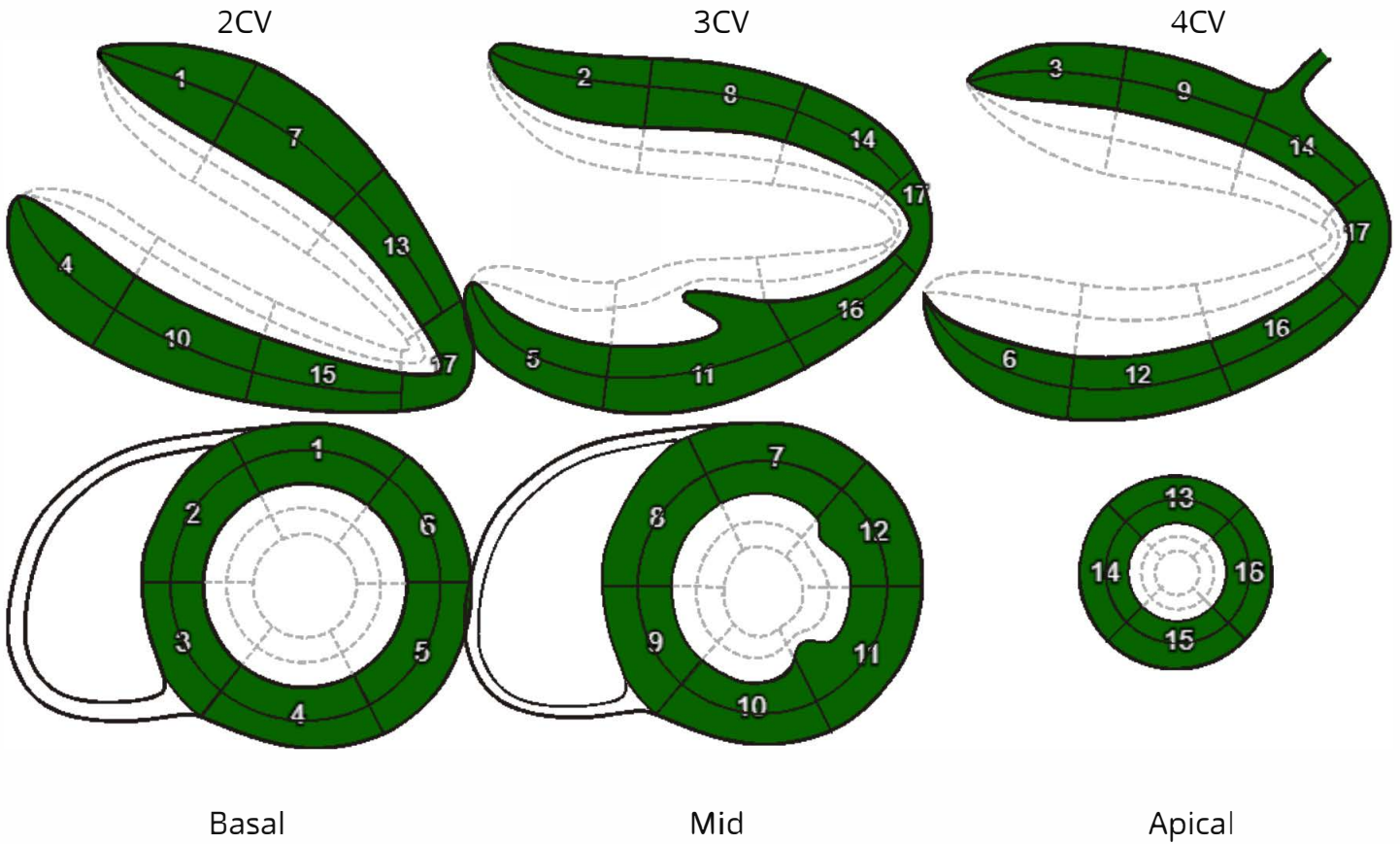
NAME VALUE
 RV EDV 175 mL
 RV ESV 76 mL
 RV SV 99 mL
 RV EF 57 %
 RV CO 7.0 L/min
 RV CI 3.8 L/min/m²
 HEART RATE 71 bpm

VALUE / HEIGHT
 109 mL/m
 47 mL/m
 62 mL/m

VALUE / BSA
 95 mL/m²
 41 mL/m²
 54 mL/m²

LV REGIONAL FINDINGS

SEGMENTAL TISSUE CHARACTERIZATION



IMAGES

